

CLAIMS

What is claimed is:

- 5 1. An electronic device that includes functionality to perform at least two functions, a first of which is at least timekeeping and the other of which is at least a function other than timekeeping, wherein the electronic device comprises a multilayered module comprising:
  - a frame having a frame surface;
  - at least two physically separable printed circuit boards, the first of which includes
  - 10 means related to at least the timekeeping and the second of which includes means related to at least the function other than timekeeping, wherein the first printed circuit board is intermediate the frame surface and the second printed circuit board;
  - a battery compartment dimensioned for receiving a battery, wherein the battery compartment is asymmetrically positioned within the module thus creating a region above
  - 15 the first printed circuit board and proximate the battery compartment; and
  - wherein the second printed circuit board is securable within the module and in the region;
  - wherein the functionality of the electronic device can be changed and/or modified by a removal of the second printed circuit board and a replacement with another printed
  - 20 circuit board having means at least in part different from and/or in addition to the means of the second printed circuit board;
  - whereby the first printed circuit board need not be removed to provide for such additional and/or different functionality provided by the replacement printed circuit board.
- 25 2. The electronic device as claimed in claim 1, including at least one support member for at least in part supporting the second printed circuit board in the module.
3. The electronic device as claimed in claim 2, including a plurality of support members for at least in part supporting the second printed circuit board in the module,
- 30 wherein at least one of the plurality of support members extends through the second printed circuit board and is electrically coupled to a top side mounted pad thereon.

4. The electronic device as claimed in claim 3, wherein at least one of the plurality of support members is electrically coupled to a bottom side mounted pad thereon.

5. The electronic device as claimed in claim 1, wherein the position of the battery compartment in the module at least essentially maximizes the region in which the second printed circuit board is positioned.

6. An electronic device that includes functionality to perform at least two functions, wherein the electronic device comprises a multilayered module comprising:

10 a frame having a frame surface;

at least two physically separable printed circuit boards, the first of which includes means related to at least the first function the second of which includes means related to a function in addition to and or different from the first function, wherein the first printed circuit board is intermediate the frame surface and the second printed circuit board;

15 a battery compartment dimensioned for receiving a battery, wherein the battery compartment is asymmetrically positioned within the module thus creating a region above the first printed circuit board and proximate the battery compartment; and

wherein the second printed circuit board is securable within the module and in the region;

20 wherein the functionality of the electronic device can be changed and/or modified by a removal of the second printed circuit board and a replacement with another printed circuit board having means at least in part different from and/or in addition to the means of the second printed circuit board;

25 whereby the first printed circuit board need not be removed to provide for such additional and/or different functionality provided by the replacement printed circuit board.